

Abstract of (14)

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-033641

(43)Date of publication of application : 06.02.1996

(51)Int.Cl.

A61B 17/11

A61B 17/32

(21)Application number : 07-021969

(71)Applicant : BIO VASCULAR INC

(22)Date of filing : 09.02.1995

(72)Inventor : COOPER JOEL  
WINEGAR-HENTGES SALLY L  
NELSON ROBERT P  
SCHANKERELI KEMAL  
TEICH KRISTINE M

(30)Priority

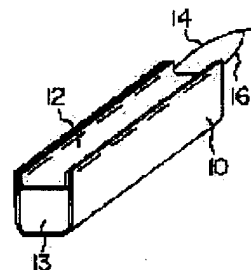
Priority number : 94 194382 Priority date : 10.02.1994 Priority country : US

## (54) BUTTRESS MEMBER AND PERFORMING OF SURGERY TO REMOVE AFFECTED TISSUE

(57)Abstract:

PURPOSE: To enable to strengthen a suture performed after removal of an affected tissue, by removably attaching a buttress member to a band piece of an animal tissue material, the buttress member including a band piece of an animal tissue material adaptable to a host tissue supported by the buttress member and forming a be like shape.

CONSTITUTION: This U-shaped buttress member 10 to be used together with a surgical staple gun in order to effectively strengthen a suture following removal of an affected tissue is composed of a rectangular sheet of a flexible synthetic resin material. Between generally parallel side parts of the buttress member 10, a band piece 12 of a suitably tanned tissue is supported. For this band piece 12, a suitable cross-linked (tanned) animal pericardium or dura mater such as those of cattle, horse, pig, sheep, human being and others are preferable. The tanned band piece 12 of an animal tissue is temporarily fixed at the buttress member 10 by using a filament 14 as a sewing material and temporarily sewing to each other along a free end of the buttress member 10.



## LEGAL STATUS

[Date of request for examination]

28.11.1996

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number] 3040930

[Date of registration] 03.03.2000

[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office